"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBINDER, Petr Aleksandrovich, akademik; LANINA, L.I., red.; KUDRYAVTSEVA, O.V., tekhn. red.

[Border regions of science] Na granitsakh nauk. Moskva, Izd-vo "Znanie," 1963. 39 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no.20) (MIRA 17:1)
(Technology)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

VOSKOBOYNIKOV, V.G.; KHROMOV, V.A.; REBEKO, A.F.; MKRTCHAN, L.S.; MITSKEVICH, O.V.; BIRMAN, A.I.

Mathematical analysis of certain design parameters of thermal conditions of the blast furnace process. [Sbor. trud.] TSNIICHM no.29:9-23 '63. (MIRA 17:4)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Voskoboynikov, Khromov, Rebeko, Mkrtchan).
2. TSentral'nyy nauchno-issledovatel'skiy institut kompleksnoy avtomatizatsii (for Mitskevich, Birman).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBLING, Werner, Dipl.Ing.dr. (Ilmenau)

Composition of uniform symbols for index numbers used in the plants and the national economy. Szabvany kozl 15 no.2:41-42 F '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

BERNSHTEYN, M.B., dots.; GORYANOV, V.Yu., prof.; DENISOV, V.V., inzh.-elektrik; KHOMYAKOV, N.M., prof., doktor tekhn. nauk; AKULOVA, Yu.I., inzh., retsenzent; REBO, I.Yu., red.

[Electrical engineering and electrical equipment of ships] Elektrotekhnika i elektrooborudovanie sudov. [By] M.B. Bernshtein i dr. Moskva, Transport, 1964. 504 p. (MIRA 18:6)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, B.N., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; ZAV'YALOV, G.N.; VASHURIN, A.A., inzh.; KHATSKELEVICH, M.N., inzh.

Answering readers queries. Elek. i tepl.tiaga 6 no.8:42-44 Ag '62. (MIRA 17:3)

1. Otdeleniye elektrifikatsii Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta Ministerstva putey soobshcheniya (for Rebrik). 2. Glavnyy tekhnolog po avtotormozam Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Zav'yalov).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

BOYTSOV, Aleksandr Yevgen'yevich [deceased]; YAKOVLEV, G.S., kand. tekhn. nauk; REBO, N.Yu., retsenzent; AL'TSHULER, G.A., retsenzent; LEYKINA, T.L., red.

[Electric equipment on ships] Sudovaia elektricheskaia apparatura. Leningrad, Sudostroenie, 1964. 223 p. (MIRA 17:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

BYSTRITSKIY, Khariton Yakovlevich, inzh.; DUBROVSKIY, Zinoviy Moiseyevich, inzh.; REBRIK, Boris Nikolayevich, kand. tekhn. nauk; PETUSHKOVA, I.K., red.

[Construction and operation of a.c. locomotives] Ustroistvo i rabota elektrovozov peremennogo toka. Moskva, Transport, 1965. 446 p. (MIRA 18:5)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

L 40763-65 EWT(d)/EWA(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l) Pf-4

ACCESSION NR: AP5012323 UR/0286/64/000/022/0008/0008

20
19
B

AUTHOR: Simonov, N. S.; Strakhal', V. A.; Rebrik, B. M.; Ostrovskiy, V. I.; Fomin, A. G.

TITLE: Self-propelled unit for vibration drilling. Class 5, No. 166287

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1964, 8

TOPIC TAGS: mining machinery

Translation: This inventor's certificate introduces a self-propelled vibration drilling assembly mounted on a motor vehicle. The device includes a hoisting tower, winch, generator and vibrator. In order to cut down on the number of additional operations and to speed them up, the tower is of the open type, Π -shaped and equipped with a transverse support brace. It also has a flexible element of constant length for suspending the vibrator during folding and raising the tower. 2. A unit of this description equipped with a carriage which is a connecting element between the penetration equipment and the guides of the tower so that the device may be used for impact sounding. 3. A unit of this

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

L 40763-65
ACCESSION NR: AP5012323

description in which the winch is equipped with a normally open brake which has a spring contactor so that the unit may be used for cable percussion drilling.

ASSOCIATION: Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-issledovatel'skiy institut "GIDROPROYeKT"im. S. Ya. Zhuka (All-Union Institute of Preliminary Study and Design and of Scientific Research "GIDROPROYeKT")

SUBMITTED: 00 ENCL: 00 SUB CODE: IE

NO REF SOV: 000 OTHER: 000 JPRS

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

STREL'TSOV, V.V.; SHCHUKIN, V.K.; REBROV, A.K.; FUKS, G.I.; KUTATELADZE, S.S.; LYKOV, A.V.; PREDVODITELEV, A.S.; KONAKOV, P.K.; DUSHCHENKO, V.P.; MAKSIMOV, G.A.; KRASNIKOV, V.V.

Readers' response to I.T. El'perin's article "Terminology of heat and mass transfer" in IFZh No.1, 1961. Inzh.-fiz. zhur. 5 no.7:113-133 Jl '62. (MIRA 15:7)

1. Khimiko-tekhnologicheskiy institut, g. Ivanovo (for Strel'tsov). 2. Aviatsionnyy institut, Kazan' (for Shchukin, Rebrov). 3. Politekhnicheskiy institut, Tomsk (for Fuks). 4. Institut teplofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk (for Kutateladze). 5. Energeticheskiy institut AN BSSR, Minsk (for Lykov). 6. Gosudarstvennyy universitet imeni Lomonosova, Moskva (for Predvoditelev). 7. Institut inzhenerov zheleznodorozhnogo transporta, Moskva (for Konakov). 8. Institut legkoy promyshlennosti, Kiyev (for Dushchenko). 9. Vsesoyuznyy zaochnyy institut pishchevoy promyshlennosti, Moskva (for Maksimov). 10. Tekhnologicheskiy institut pishchevoy promyshlennosti, Moskva (for Krasnikov).

(Heat--Transmission) (Mass transfer)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

S/194/62/000/004/010/105
D222/D309

AUTHORS: Rebrov, N. I., Protasov, Ye. N. and Platonov, S. K.

TITLE: Industrial batch testing of the РУК-2(RUK-2) speed relay

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-2-7p (V sb. Vopr. mekhaniz. i avtomatiz. v gorn. prom-sti (KNIUI, no. 8), M., 1961, 340-349)

TEXT: The relay described is intended for the control of scraper conveyers in mines. The construction of this relay is based on the principle of magnetic coupling of the pickup with the scraping unit of the conveyer. The elements of the relay are enclosed in the explosion-proof casing of the control and monitoring system. The pickup has two coils with permanent magnets, placed at 240 mm from each other and connected in series, enclosed in a single housing with a single plug-type cable connector. The weight of the pickup is 10 kg. The shortcomings found in industrial testing of the relay

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

are stated and the necessary measures to eliminate them in mass production are indicated. The electrical circuit for connecting the relay to a control and monitor system, and the mounting of the pickup on the intermediate chute of a CKP-41(SKR-11) conveyer are described. A two-conductor circuit is given for the remote control, of a scraper conveyer with the RUK-2 apparatus. 4 figures. 2 tables. 8 references. [Abstracter's note: Complete translation.]

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

KAMANIN, N., general-leytenant aviatsii; TITOV, G., mayor;
SEMENIKHIN, G., podpolkovnik; REBROV, M., inzhener-kapitan

Space field and the area of landing. Av. i kosm. 45 no.9:61-70
'62. (MIRA 15:10)

1. Chleny redaktsionnoy kollegii zhurnala "Aviatsiya i kosmonavtika" (for Kamanin, Titov). 2. Spetsial'nyye korrespondenty zhurnala "Aviatsiya i kosmonavtika" (for Semenikhin, Rebrov).

(Space flight)
(Nikolaev, Andriian Grigor'evich, 1929-)
(Popovich, Pavel Romanovich, 1930-)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

BELUGINA, G.V.; ZAKIYEVA, S.Kh.; KONSTANTINOVA, V.V.; REBINDER, P.A.

Stabilization of concentrated suspensions by the structure formation of the dispersion (hydrocarbon) medium. Koll.zhur. 23 no.6:658-668 N-D '61. (MIRA 14:12)

1. Institut fizicheskoy khimii AN SSSR, Moskva.
(Suspensions (Chemistry)) (Hydrocarbons)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

YAMPOL'SKIY, B.Ya.; U SHU-TSYU [Wu Shu-ch'iu]; REBINDER, P.A., akademik

Mechanism of structure formation in hydrocarbon suspensions of carbon black as related to the problem of active rubber fillers. Dokl. AN SSSR 142 no.3:633-636 Ja '62. (MIRA 15:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Rubber) (Carbon black)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

S/169/62/000/004/003/103
D228/D302

AUTHOR: Rebinder, P. A.

TITLE: Structural-mechanical properties of rocks

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1962, 9, abstract 4A61 (V sb. Probl. tektonofiziki, M., Gosgeoltekhizdat, 1960, 51-54)

TEXT: The mechanical properties of rocks are closely related to their chemical composition and structure. Mechanical properties can be studied by methods of physico-chemical mechanics, with allowance for the notions about different structural types. The following types of rock structure are distinguished: 1) Dense crystalline textures (semicrystalline solid bodies); 2) loose crystalline textures (sedimentary rocks like sulfates, chlorides, carbonates); 3) condensation textures (silica-type opaline bodies); and 4) coagulation (dispersion) textures (argillaceous rocks, soils). The investigation of bodies with a variable structure requires a special method. The study of mechanical properties should

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

be commenced under conditions of a homogeneously pure shift, after which it is possible to change to the more complex three-dimensionally stressed state. Most attention should thereby be paid to the study of the lasting endurance, with allowance for the kinetics of fracture development in the case of brittle disintegration and plastic deformation. [Abstracter's note: Complete translation.]

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

OVCHARENKO, Fedor Danilovich; NICHIPORENKO, Sergey Petrovich; KRUGLITSKIY, Nikolay Nikolayevich; TRETINNIK, Vikentiy Yur'yevich; REBINDER, P.A., akademik, otv. red.; POKROVSKAYA, Z.S., red.

[Study of the physicochemical mechanics of the dispersion of clay minerals] Issledovaniia v oblasti fiziko-khimicheskoi mekhaniki dispersii glinistykh mineralov. Kiev, Naukova dumka, 1965. 177 p. (MIRA 18:2)

1. Akademiya nauk SSSR (for Rebinder).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

KARGIN, V.A.; PLATE, N.A.; REBINDER, Ye.P.

Certain properties of starch and methyl methacrylate graft copolymers. Vysokom.soed. 1 no.10:1547-1551 O '59.
(MIRA 13:3)

1. Khimicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta, kafedra vysokomolekulyarnykh soyedineniy.
(Starch) (Methacrylic acid) (Polymers)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

S/190/62/004/005/020/026
B110/B101

AUTHORS: Kiselev, L. L., Frolova, L. Yu., Rebinder, Ye. P.

TITLE: Some data on the secondary structure of low-molecular ribonucleic acids in solution

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 5, 1962, 749-754

TEXT: A secondary structure was revealed in molecules of ribosome-free S-ribonucleic acid (S-RNA) with MW = 10^4 of yeast and rat liver. As the polynucleotide chains of S-RNA are polyanions, intramolecular hydrogen bonds ($-NH_2\cdot\cdot\cdot O=C<$) may be formed. Their presence is revealed by an increase in the ultraviolet absorption of nucleic acid preparations on heating. A spectrophotometric study has shown that the optical density of heated S-RNA solutions of yeast and liver increases by 28-30% at 259 mμ. This indicates that not less than half of the S-RNA nucleotides are involved in the formation of hydrogen bonds. The increase in ionic strength inhibits the rupture of hydrogen bonds. To reduce the optical

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

Some data on the secondary structure ...

density of the yeast preparation by half its maximum value at an ionic strength of 0.1 and 1.0, the preparation must be heated to 55.5 and 69°C, respectively. This also applies to liver S-RNA. In 6 moles of urea, some of the hydrogen bonds break already at room temperature, and the curve of optical density is shifted by 21.5°C to lower temperatures, compared with that obtained for an 0.15 N NaCl-0.015 N citrate solution (pH = 7.0). Within 5 hrs the interaction of S-RNA molecules with formaldehyde at 50°C was 7 times stronger than it was at 20°C. This increase in reactivity is attributed to the liberation of the reacting groups from the intramolecular hydrogen bonds which are even present at an S-RNA concentration of 0.002% and are capable of forming both disordered intramolecular cross links and helical structures. The high specific rotation $[\alpha]^{D}_{25°C} = 150°$ of the yeast preparation indicates that half of the molecular nucleotides are involved in helical regions. As one-half of the nucleotides is also involved in the formation of hydrogen bonds, the helices are formed by the hydrogen bonds. Heating breaks the hydrogen bonds and removes the helical structures. After cooling for 5 sec to 20 min the structure contains 90-95% of the original amount of

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hydrogen bonds and helical structures. This rapid reaction is attributed to the small size of molecules. The guanine content in S-RNA of yeast, liver, and E. coli amounted to 27.2, 29.2, and 31.0 mole%, respectively, and its cytosine content was 25.9, 28.8, and 28.6 mole%, respectively. The melting points of the helical structures at pH = 7 and μ = 0.1 were 55.5, 58.5, and 60.0°C, respectively. The increase in strength of the helical structures with rising content of guanine and cytosine is attributed to the formation of three hydrogen bonds between guanine and cytosine. Although S-RNA and high-molecular RNA possess similar macromolecular properties, it should, with the aid of the ultraviolet dichroism of S-RNA solutions, be ascertained whether there are any structural differences. There are 2 figures and 1 table.

ASSOCIATION: Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR (Institute of Radiation and Physicochemical Biology AS USSR)

SUBMITTED: July 3, 1961

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

KISELEV, L.L.; FROLOVA, L.Ya.; REBINDER, Ye.P.

Some data on the secondary structure of low molecular weight ribonucleic acids in solution. Vysokom.soed. 4 no.5:749-754 My '62. (MIRA 15:7)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR.
(Nucleic acids)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

KISELEV, L.L.; REBINDER, Ye.P.; FROLOVA, L.Yu.

Physicochemical study of low polymer ribonucleic acids in solution. Vysokom.soed. 4 no.5:755-761 My '62. (MIRA 15:7)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR.
(Nucleic acids)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

S/190/62/004/005/021/026
B110/B101

AUTHORS: Kiselev, L. L., Rebinder, Ye. P., Frolova, L. Yu.

TITLE: Physicochemical investigation of low-molecular ribonucleic acids in solution

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 5, 1962, 755-761

TEXT: A study was made of: (1) the factors determining the molecular shape of S-ribonucleic acid (S-RNA) in solution; (2) the degree of ordering of the various S-RNA conformations in solution; (3) the nature of conformation transitions. Results: The intrinsic viscosity $[\eta]$ depends on the ionic strength, reaches a maximum at 0.2% in water, and decreases with increasing ionic strength. The maximum vanishes if ions ($\mu = 10^{-3}$ to 10^{-2}) are added, and the curve for the concentration dependence becomes an inclined straight line. With further addition of ions ($\mu = 0.1$-1.0), the straight line becomes parallel to the abscissa, and $[\eta]$ depends neither on the concentration nor on the ionic strength. This

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

S/190/62/004/005/021/026
B110/B101

Physicochemical investigation of ...

indicates that, with increasing ionic strength, stretched molecules adopt a globular shape and intramolecular hydrogen bonds form. This process manifests itself in a decrease in optical density with increasing ionic strength. Addition of 0.1 mole of an NaCl solution and of 0.015 moles of a citrate solution (pH = 7) lowers the optical density from 2.42 in pure H_2O to 2.09. Thus, the addition of an electrolyte not only raises the molecular density but also leads to the formation of hydrogen bonds. The optical rotation was measured to ascertain whether or not these bonds are ordered. The addition of an electrolyte (10^{-2} and 10^{-3} μ) considerably reduces the effective hydrodynamic volume, and increases the number of helical structures in the molecules. The affinity of the NH and CO groups is substantially diminished by the addition of protons, and their hydrogen bonds are broken. In this way, it is possible to pursue the correlation between the degree of ordering of the molecules (optical rotation) and their content of hydrogen bonds (hypochromic effect). The hydrogen bonds were gradually broken in the pH range of ~ 4.5 and ~ 3.0, according to the ionization of the individual nucleotides. The change in pH gradually diminishes the optical rotation to the value obtained for the constituents

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

Physicochemical investigation of ...

of the nucleotides (pH ~ 2.7; $[\alpha]_{479} \approx 10^{\circ}$). Investigation of the pH dependence of the optical density has shown that at 25°C no change takes place up to pH = 5 and that, owing to the reduced heat resistance of the hydrogen bonds, further acidification shifts the curves to lower temperatures. When the concentration is increased from 0.2 to 0.7%, the molecules start interacting; the dissociation of the polar groups is suppressed, and the molecules form globules. At < 0.2%, intramolecular interaction decreases, and the S-RNA molecules form statistical coils. Addition of a low-molecular electrolyte and screening of the phosphate groups suppress the electrostatic repulsion and lead to the formation of hydrogen bonds. It is concluded that coiled conformation exists at 25°C, $\mu = 0.1$, a small distance between the links of the polynucleotide chain, low intrinsic viscosity, and at a definite degree of ordering of the secondary structure (helical structures). In the case of deionization, loose conformation without intramolecular hydrogen bonds and ordered regions exists at $\mu < 10^{-3}$ and pH ≈ 3. Thus, the molecular structure of S-RNA in solution is determined by the intramolecular forces of attraction and compression, as well as by the electrostatic forces of repulsion and stretching of the

Card 3/4

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

Physicochemical investigation of ...

polynucleotide chain. There are 5 figures and 2 tables.

ASSOCIATION: Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR
(Institute of Radiation and Physicochemical Biology AS USSR)

SUBMITTED: August 8, 1961

Card 4/4

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

MATVEYEV, S.F.; KOLPAKOV, V.A.; REBITSKIY, A.F.

Developing a method of automatic control of nitro-oleum composition. Khim. prom. no.8:596-600 Ag '63. (MIRA 16:12)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBIZOV, D. G.

REBIZOV, D. G.--"Recollection and Reproduction of Historical Material by High School Seniors." (Dissertation for Degrees in Science and Engineering* Defended by USSR Educational Institutions) Moscow State Pedagogical Inst imeni V. I. Lenin, Moscow, 1955. Pedagogical Sciences

SO: Knizhnaya Letopis' No. 37, 10 September 1955.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBIZOV, D. G.

Production conferances of the personnel of an institution of higher education. Sov. profsoiuzy 6 no.12:60-62 S '58. (MIRA 11:9)

1. Predsedatel' mestkoma profsoyuza Ryazanskogo pedagogicheskogo instituta.

(Ryazan--Teachers colleges)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBIZOV, D.G.

Attitude of pupils to study and work. Vop. psikhol. 7 no.6:19-26 N-D '61. (MIRA 15:1)

1. Pedagogicheskiy institut, Ryazan'.
(Educational psychology)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REB'KINA, V. G.

USSR/Medicine - Leptospirosis FD-553

Card 1/1 Pub. 148 - 16/23

Author : Vysotskiy, B.V.; Mal'tsev, S.V.; and Reb'kina, V.G.

Title : Agricultural animals - a reservoir of a new serological type of Leptospirae

Periodical : Zhur. mikrobiol. epid. i immun. 6, 49-51, June 54

Abstract : Serological examination of cattle revealed the extensive occurence of leptospirosis infection among them, caused by a new serological type of leptospirae, LP-183, which is similar to L.hebdomadis and L.nero. Cultures of type P-183 Leptospirae were also isolated from the blood of jaundiced suckling pigs. Rodents trapped in the vicinity of the diseased animals were found to be free of Leptospirae. Serological types I,II, III, IV,VI, and P-183 were used in the examinations. The results of the investigations are presented on two charts. No references are cited.

Institution : Primorskiy Institute of Epidemiology, Microbiology, and Hygiene

Submitted : November 12, 1953

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

ГЕВО, ЧА. Чц.

21(5)

Editorial Board of Publishing House: P.N. Belyanin; Tech. Ed.: T.P. Polenova.

PURPOSE: This book is intended for specialists in the field of machine and instrument manufacture who use radioactive isotopes in the study of materials and processes.

COVERAGE: This collection of papers covers a very wide field of the utilization of tracer methods in industrial research and control in the machine- and instrument-manufacturing industry. The individual papers discuss the applications of radioisotope techniques in the study of metals and alloys, problems of friction and lubrication, metal cutting, engine performance, and defects in metals. Several papers are devoted to the use of radioisotopes in the automation of industrial processes, recording and measuring devices, radiation counters, etc. These papers reprint. They were published as quality control, flowmeters, level gauges, safety devices, radiotious Soviet institutes and laboratories on the Use of Radioactive and Stable Isotopes and Radiation in the National Economy transactions of the All-Union Conference in the and Science, April 4-12, 1957. No personalities are mentioned. References are given at the end of most of the papers.

Auzan, Ya. A., V.E. Banashek, Kh.E. Gunns, I.M. Takmar, A.D. Tumulikan, P.F. Chaplinskiy, I.A. Kay SSR, zavody "Kommunar" i "Dzinmars" - Institute of Physics, Academy of Sciences, Latvian SSR; "VEP", "Kompressor", and "Spinners" Plants). Automation and Control Equipment With Radioactive Relays 259

Segalin, V.G. (Vsesoyuznyy nauchno-issledovatel'skiy ugol'nyy institut - All-Union Scientific Coal Institute). Gamma Relay With Crystal Triodes 264

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Shumilovskiy, N.M., Yu.V. Gushchin, and M. I. Tolokonnikov (Institut avtomatiki i telemekhaniki AN SSSR - Institute of Automation and Telemechanics, Academy of Sciences, USSR). Use of Radioactive Isotopes for the Automatic Control of the Flow of Liquids 267

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Shumilovskiy, N.M., and L.V. Melitser (Institut avtomatiki i telemekhaniki AN SSSR - Institute of Automation and Telemechanics, Academy of Sciences, USSR). Use of Radioactive Radiations in the Noncontact Control of the Volume and Velocity of a Stream of Gas 276

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Yordan, G.O., K.E. Furman, and T.O. Neyman (Nauchno-issledovatel'skiy institut teploenergeticheskogo priborostroyeniya - Scientific Research Institute for Heat-Power Instrument Making). Equipment for the Automatic Control of Gas Flow by Means of Beta Radiation 286

Polonik, E.A., L.V. Melitser, and N.I. Panyukov (Tsentral'nyy nauchno-issledovatel'skiy institut shelkovoy promyshlennosti - Central Scientific Research Institute of the Silk Industry). The Dissipation of Electrostatic Charges in the Silk Industry 289

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

SHTEYNBOK, Natan Isaakovich; SHCHEBOLEV, V.T., inzh., retsenzent; REBO, Ya.Yu., kand.tekhn.nauk, red.; DUBUSOVA, G.A., red. izd-va; KONTOROVICH, A.I., tekhn.red.

[Using radioactive radiation in measuring equipment] Primenenie radioaktivnykh izluchenii v izmeritel'noi tekhnike. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 287 p. (MIRA 13:7)

(Measuring instruments) (Radiology, Industrial)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

IL'ICHEV, Aleksandr Stepanovich, kandidat tekhnicheskikh nauk; KOKIN, Aleksandr Davydovich, inzhener; REBORTOVICH, Isaak Solomonovich, inzhener; SHAPIRO, I.G., inzhener, nauchnyy redaktor; BURMISTROV, G.N., redaktor; EGGERT, A.P., tekhnicheskiy redaktor

[Principles of building] Osnovy stroitel'nogo dela. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 318 p. (MLRA 9:7)
(Building)

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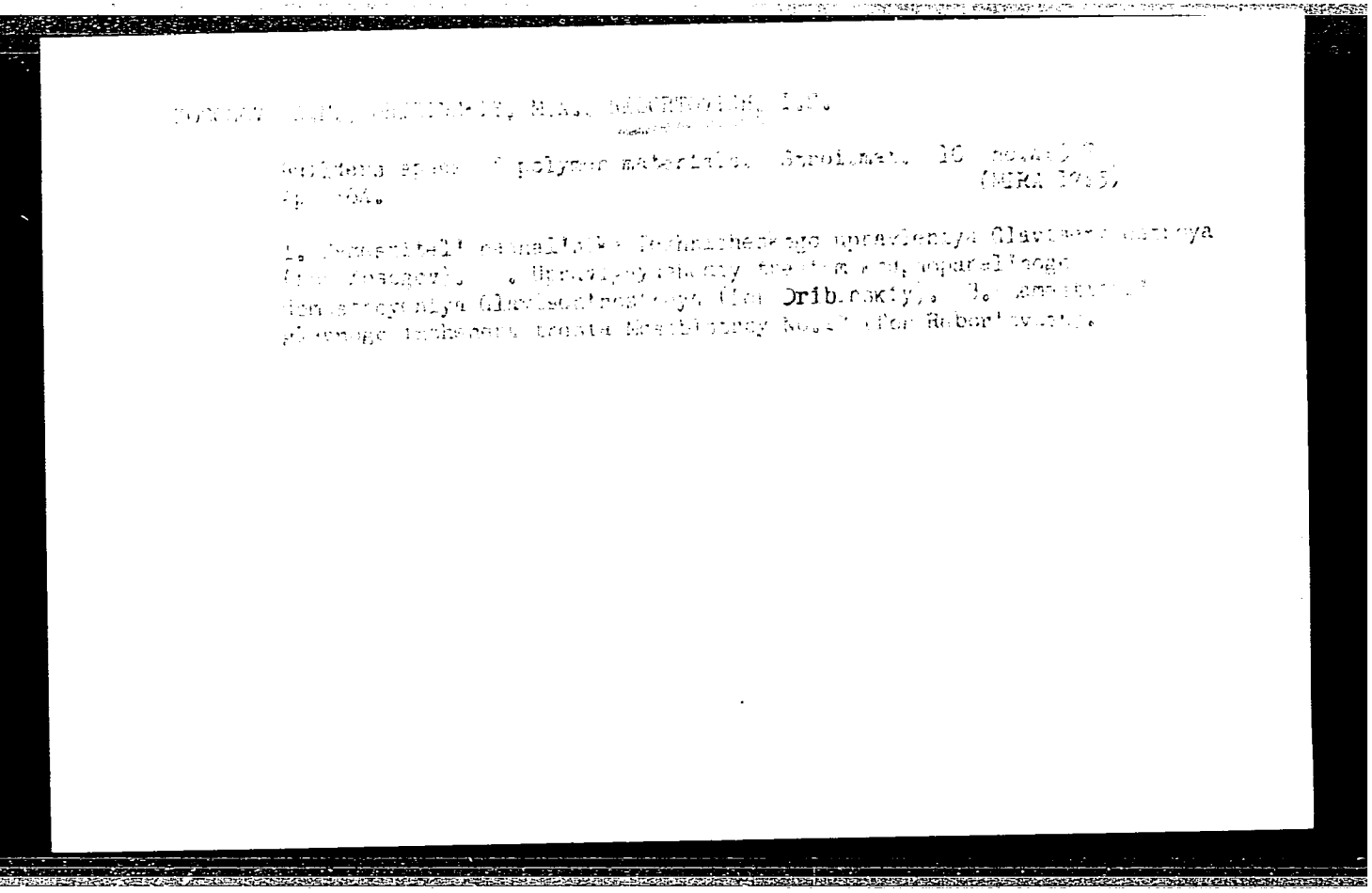

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

IL'ICHEV, Aleksandr Stepanovich, kand. tekhn. nauk; KOKIN, Aleksandr Davidovich, inzh.; REBORTOVICH, Isaak Solomonovich, inzh.; MIRSKIY, M.B., neuchnyy red.; ROGAL'SKAYA, L.I., red.; MIKHAL'CHUK, Z.V., red.; DORODNOVA, L.A., tekhn. red.

[Principles of construction]Osnovy stroitel'nogo dela. Izd.2., perer. i dop. Moskva, Proftekhizdat, 1962. 508 p. (MIRA 15:12)

(Building)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBOVSKIY, V. (Khabarovsk)

Both methodology and habits. Voen. znan. 41 no.9:24-25 S '65.
(MIRA 18:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

RĘBOWSKA, Z.; Szczypiorska, J.; Woyke H.

Preliminary research on the suitability of vegetables for freezing. p. 200. (PRZEMYSL SPOZYWCZY. Vol. 10, no. 5, May 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957. Uncl.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBOWSKA, Z.

450. 634.84.037

Rębowska Z., Szczyplorska J., Woyke H. Preliminary Investigations on the Suitability of Certain Vegetables for Freezing.

„Wstępne badania nad przydatnością warzyw do mrożenia". Przemysł Spożywczy. No. 5, 1950, pp. 200—202, 4 tabs.

The following vegetables were tested: green peas, stringless beans, cauliflower, broccoli, cucumbers (frozen cucumber salad), sweet paprika, tomato purée and green dill. Investigations were carried out along the following lines: 1) field conditions (yields from respective varieties, sensitivity to climatic and soil conditions, disease resistance); 2) laboratory tests of the nutritive value and vitamin content of vegetables to be frozen; 3) technological tests of plant properties valuable in production and technological procedure connected with the process of freezing; 4) organoleptic investigation of ready made frozen dishes. Only varieties qualified as suitable by field tests were used for freezing purposes. The investigations indicated that the following varieties of vegetables are best suited for freezing: 1) Green peas — Record, Lincoln, Miracle of Kelveden; 2) Green beans — Saxa, Freege, Prinsa; 3) Stringless beans — Saxa Gold; 4) Cucumbers — Monastyrskie; 5) Cauliflowers — Erfurt; 6) Sweet paprika was found unsuitable for freezing. Both Tomato purée and green dill are highly suitable for freezing.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBOWSKA, Z.

Introductory research on the tobacco mosiac virus in tomato plants; a communication p. 245.

ACTA MICROBIOLOGICA POLONICA. (Polskie Towarzystwo Mikrobiologow. Sekcja Mikrobiologii Ogolnej, Rolniczej i Prxemyslowej)
Warszawa. Vol. 7, no. 3, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

Poland/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6598

Author: Rebowska, Zofia; Szczypiorska, J.; Woyke, Halina

Institution: None

Title: Preliminary Investigations of the Suitability of Some Vegetables for Freezing

Original Publication: Przem. spozywczy, 1956, 10, No 5, 200,202

Abstract: Studies of the growing conditions, nutritive and vitaminic value as well as of changes on freezing, and an organoleptic evaluation, in the frozen condition, of the following vegetables: green peas, string beans, cauliflower, cucumbers, sweet red pepper, tomatoes, green dill. It was found that the following varieties are suitable for freezing: (1) green peas -- Record, Lincoln, Marvel of Kel'vedon /transliterated/; (2) beans -- Saxe, Friege, Saxe Gold; (3) Monastyrskiye cucumbers; (4) Erfurth cauliflower. Tomatoes and dill in the frozen condition are high grade products. Sweet red peppers are not suitable for freezing.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

AUTHOR: Rebrakov, G. N. SOV/6-58-6-11/21

TITLE: Formulae for the Solution of the Two-Point Problem (Formuly dlya resheniya zadachi o dvukh tochkakh)

PERIODICAL: Geodeziya i kartografiya, 1958, Nr 6, pp. 49 - 53 (USSR)

ABSTRACT: The author derived formulae for the analytical solution of the two-point problem in the case of a random mutual position of two and three points to be determined and two points given. Then he used these formulae in the construction of the analytical network in the area of the Kremenchug reservoir (1955 - 1956).
1) Solution of the problem in the case of random mutual position of two points to be determined and two points given. Four cases are investigated and the corresponding formulae are derived: a) the points to be determined are situated at different sides of the straight lines connecting the initial points. b) The points to be determined are situated on the one side of the given points and the continuation of the line connecting the former is about vertical to the initial side. c) The points to be determined are situated beyond the two given ones, and the line connecting the former is situated about vertical to the continuation of the initial side. d) The point to be determined are situated on the

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one side of the given points and the line connecting the former is about parallel to the initial side. The formulae obtained are especially convenient when used for computer calculation. 2) Solution of the problem in the case of a random mutual position of the 3 points to be determined and the 2 points given. The problem is solved in the same way as mentioned under 1. Note by the editor: (of the periodical): such a determination of two and more points according to two given points cannot be checked. A necessary accuracy in finding the coordinates of the points to be determined is secured only in such cases where in all triangles to be solved no too acute angles occur. There are 9 figures.

1. Trigonometry

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBREANU, Carmen, eleva

"Interesting geographical problems and questions" by N.N. Studentsov. Abstracted by Carmen Rebreanu. Natura Geografie 13 no.4:75-79 Jl-Ag '61.

1. Scoala elementara de 7 ani nr. 101, Bucuresti.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBREANU, G.

Steel casting on railroad cars. p. 5. TEHNICA NOUA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor) Bucuresti. Vol. 3, No. 36, Feb. 1956.

So. East European Accessions List Vol. 5, No. 9 September, 1956

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

POPOVICI, S.; REBREANU, L.; BEJAN, I.

Stimulating action of certain microelements upon the growth of suckling pigs. Note I. Studii agr Timisoara 8 no.1/2:65-72 '61.

(Swine breeding) (Growth) (Cobalt chlorides)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBREANU, P., inv.

"Geology for workers of the extractive industry" by F. Sarin, [illegible] Cioman. Reviewed by P. Rebreanu. Rev min 15 no.10:913 O '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBREYEVA, L.N., kand.med.nauk; GUBAYDULINA, Ye.Ya.

Dynamics of some immunobiological reactions in purulent inflammation of the peridental tissues. Stomatologiia 38 no.6:26-31 N-D '59. (MIRA 13:4)

1. Iz kafedry mikrobiologii (zav. - prof. P.F. Belikov) i kafedry khirurgicheskoy stomatologii (zav. - prof. A.I. Yevdokimov) Moskovskogo meditsinskogo stomatologicheskogo instituta (direktor - dotsent G.N. Beletskiy).

(TEETH--DISEASES) (PHAGOCYTOSIS)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBREYEVA, L.N.

Phagocytic reaction of the blood in suppurative and inflammatory processes in the oral cavity. Stomatologiia 37 no.6:23-26 N-D '58 (MIRA 11:12)

1. Iz kafedry mikrobiologii (zav. - prof. P.F. Belikov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dots. G.N. Beletskiy)
(MOUTH--DISEASES)
(PHAGOCYTOSIS)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBREYEVA, L.N.; BELIKOV, P.F., professor, zaveduyushchiy; BELETSKIY, G.N., direktor.

Mechanism of the effect of sodium fluoride on the alpha and gamma type streptococci of the oral cavity. Stomatologiia no.4:6-10 Jl-Ag '53. (MLRA 6:9)

1. Kafedra mikrobiologii Moskovskogo meditsinskogo stomatologicheskogo instituta (for Belikov). 2. Moskovskiy meditsinskiy stomatologicheskiy institut (for Beletskiy).
(Sodium fluoride) (Streptococcus) (Mouth--Bacteriology)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

14(5) SOV/92-59-3-4/44

AUTHOR: Makurin, N.S., and B.M. Rebrik

TITLE: Vibratory Machines Used in Exploratory Drilling (Vibromashiny v razvedochnom burenii)

PERIODICAL: Neftyanik, 1959, Nr 3, pp 4-8 (USSR)

ABSTRACT: According to this article, the vibratory method is being successfully used in the Soviet Union in exploratory drilling of shallow wells (up to 20 m deep) when the formation to be perforated is soft. In this case the pipe stem is forced into the ground without rotation. The drilling speed rate attained by using the vibratory method exceeds the rate of any other method used in drilling a similar well by 2.5-4 times. In 1951 and 1953 scientific research institutes proved that vibrodrilling can also be used for perforating a hard formation. However, machines of this type are mostly used either for the perforation of a soft formation or for other operations, for example, extracting casing pipes,

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stalled tools, etc. A wide variety of vibratory machines now exists in the Soviet Union. Their vibration frequency varies between 400 and 10,000 oscillations per minute. According to the principle upon which the vibration is induced, the machines under discussion can be grouped into mechanically, electromagnetically, hydraulically or pneumatically operated types. They are further divided into surface type machines and submersible type machines. In geological surveys the mechanical vibratory machines, driven by internal combustion motors or electric motors, are most frequently used. The types of vibratory machines used in the Soviet Union for geological exploration are shown in a table. The author also explains, and shows in a schematic drawing, how a two-block vibrator with horizontal shafts as well as a two-block vibrator with vertical shafts, operates. These vibrators are used to eliminate troubles caused by casing pipes or stalled tools. A general view of the BT-9 two-block vibrator used to release a frozen drill pipe is shown in Fig. 3. Fig. 4 shows a design of a vibratory hammer used for the same purpose. This hammer differs in that it produces powerful blows which increase the vibration effect.

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In the extraction of stalled drill pipes, mechanical vibrators with toothed disks made of carbon steel have also found wide application. The design of a bottom-hole vibrator of the ZV-2 type is shown in Fig. 5. The author describes the construction of this vibrator and states that the best results are produced by a vibrator having a disk with 6 carbon steel teeth. A method of sinking this vibrator with the aid of a fishing tool is outlined. In addition, there are other types of modernized bottom-hole vibrators whose rod and coupling have a conduit permitting the drilling fluid to circulate. In a drawing (Fig. 6) the author shows how the vibrator, attached to a drill or casing pipe, is used for eliminating stalls of drill pipes. Surface vibratory machines can be used in cases of tool failure at a depth not exceeding 300-350 meters. At a greater depth the use of submersible vibrators becomes unavoidable. In certain cases vibratory machines can also be used for sinking or lifting casing pipes. The use of vibratory machines facilitates core drilling, accelerates it, and reduces drilling costs. There are 6 figures.

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REBRIK, B.M.

Using vibrators in exploratory drilling. Trudy MGRI 31:65-80 '57.
(Boring machinery--Vibration) (MIRA 11:6)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

CAPATINA, Vasile, ing. (Jiu Paroseni); REBREANU, Alexandru, ing. (Jiu Paroseni)

Steam turbine condenser cleaning in the Jiu Paroseni Thermoelectric Power Station. Energetica Rum 10 no. 10: 438-444 O '62.

1. Centrala termoelectrica- Paroseni.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, Boris Mikhaylovich; KRYZHANOVSKIY, V.A., red.izd-va; IYERUSALIMSKAYA, Ye., tekhn. red.

[Vibration equipment for drilling] Vibrotekhnika dlia bureniia. Moskva, Gosgeoltekhizdat, 1962. 132 p. (MIRA 16:7)

(Boring machinery) (Vibrators)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, Boris Mikhaylovich; KRYZHANOVSKIY, V.A., red. izd-va; IYERUSALIMSKAYA, Ye., tekhn. red.

[Vibration technique in drilling]Vibrotekhnika dlia bureniia. Moskva, Gosgeoltekhizdat, 1962. 132 p. (MIRA 15:8)

(Boring machinery) (Vibration)

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TIKHMENEV, B.N., doktor tekhn.nauk; REBRIK, B.N., kand.tekhn.nauk; GLUSHKOV, Ye.F., inzh.

Ways of improving the N60 diesel locomotive. Vest.TSNII MPS 20 no.3: 3-9 '61. (MIRA 14:5)

(Diesel locomotives)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, B.N., kand. tekhn. nauk

Special features of the operation of VL60 electric locomotives with series connected ignitrons. Elek. i tepl. tiaga no.5: 31-33 My '63. (MIRA 16:8)

(Electric locomotives)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, B.N., kand. tekhn. nauk; TIKHMENEV, B.N.

Basic results of tests made on the N60 experimental electric locomotives. Trudy TSNII MPS no.170:136-178 '59. (MIRA 12:7)

(Electric locomotives--Testing)

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BORTNICHUK, N.Ya., inzh.; BRONSHTEYN, A.M., kand.tekhn.nauk; BYSTRITSKIY, Kh.Ya., inzh.; DUBROVSKIY, Z.M., inzh.; KATKOV, B.S., inzh.; KRASKOVSKAYA, S.N., inzh.; OSIPOV, S.I., inzh.; PERTSOVSKIY, M.L., inzh.; RAKOV, V.A., inzh.; REBRIK, B.N., kand.tekhn.nauk; SUYETIN, T.A., kand.fiziko-matem.nauk; KHITROV, P.A., tekhn.red.

[Electric locomotives operating on alternating current with ignitrons] Elektrovozy peremennogo toka s ignitronami. Pod obshchei red. V.A.Rakova. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 286 p. (MIRA 12:10)

(Electric locomotives)

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REBRIK, B.N

8(3) PHASE I BOOK EXPLOITATION SOV/1450

Radchenko, V.D., Candidate of Technical Sciences, B.N. Rebrik, Candidate of Technical Sciences, S.D. Sokolov, Candidate of Technical Sciences, N.D. Sukhoprudskiy, Candidate of Technical Sciences

Povysheniye nadezhnosti raboty ustroystv energosnabzheniya (Increasing Operating Reliability of Power-supply Installations) Moscow, Transzheldorizdat, 1958. 101 p. (Series: Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta. Trudy, vyp. 148) 2,000 copies printed.

Sponsoring Agency: Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta

Ed.: Kudryavtsev, M.V., Engineer; Tech. Ed.: Bobrova, Ye.N.

PURPOSE: This collection of articles is intended for scientists, engineers and technicians working in railroad electrification.

COVERAGE: The articles cover the following subjects: determination of steady-state short-circuit currents, d-c arc rupture in horn-type arresters, method of preventive testing of insulators without

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dismantling, increase of reliability of inverters and methods of protecting electric locomotives against disruption of power regeneration during breakdowns of the inverter.

TABLE OF CONTENTS:

Foreword 3

Sokolov, S.D., Candidate of Technical Sciences. Determination of Steady-state Short-circuit Currents 5
Important work in investigating short-circuit currents was done in 1937 at the TsNII MPS. Further work by Soviet scientists is listed in the bibliography. However, no formulas for determining the short-circuit current were given in these works. The author submits a method of determining the values of sustained short-circuit currents and presents data on dead short-circuit current at substation busbars. He presents one of the methods of evaluating the minimum value of short-circuit current, discusses various measures employed to reduce maximum currents, and gives the results of measuring input resistances of the trolley line. Thereare 10 references, of which 9 are Soviet and 1 English.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

Radchenko, V.D., Candidate of Technical Sciences. Electric Arc Rupture in D-C Horn Arresters 34
The author provides results of tests on these protective devices and presents oscillograms and photographs of disconnect processes for various types of short-circuit current. He explains the effect of horn shape and air currents (wind) on the electric arc-forming process. There are 4 references, of which 3 are Soviet and 1 English.

Sukhoprudskiy, N.D., Candidate of Technical Sciences. Methods of Preventive Testing of Trolley-line Insulators Without Dismantling 45
The author demonstrates theoretically the possibilities of locating defective insulators by the wave method. He also presents the results of checking the proposed testing methods under actual operating conditions. There are 5 Soviet references.

Sokolov, S.D., Candidate of Technical Sciences. Methods of Increasing the Operating Reliability of Inverters 70
Investigation was carried out in 1956 by the Uralelektroapparat zavod (Ural Electrical Equipment Plant) and TsNII MPS on a three-phase inverter bridge circuit installed at the Tavatuy Traction

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Substation. The author discusses the results of this investigation, which considered the effect of plate-cathode capacitance and damping resistances; the effect of large inductance in the inverter circuit and recommendations for selecting the value of this inductance; and conditions for formation of the cathode spot on the control grid. In order to reduce the probability of inverter breakdown, TsNII MPS recommended a decrease in plate voltage. This measure was justified in practice. There are 4 Soviet references.

Rebrik, B.N. Candidate of Technical Sciences. Protection of Electric Locomotives Against Disruption of Regenerative Braking Due to Breakdown of the Inverter 90

The author carried out investigations on the above problem in the electrification division of TsNII MPS. In this article he discusses the possibile methods of preventing failures in regenerative braking, especially by a method of connecting a resistor in parallel with the inverter circuit-breaker. There are 2 Soviet references.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

GIL'DENBLAT, G.D.; YEFREMOV, M.G.; REBRIK, B.M.

The problem of taking samples of soil without destroying its structure by a vibration method. Osn., fund.i mekh.grun. 4 no.1:10-12 '62. (MIRA 16:2)

(Engineering geology)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, B.N., kand.tekhn.nauk

Experience in the series connection of ignitrons on VL60 electric locomotives. Trudy TSNII MPS no.286:118-131 '65.
(MIRA 18:8)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, B.N., kand.tekhn.nauk; GLUSHKOV, Ye.F., inzh.

Studying the performance of the ignitrons of a.c. electric locomotives.
Trudy TSNII MPS no.286:131-139 '65. (MIRA 18:8)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, B.N., kand.tekhn.nauk

Calculating the reverse ignition currents in rectifier type locomotives. Vest.TSNII MPS 21 no.8:12-15 '62. (MIRA 16:1)
(Electric locomotives)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, Boris Nikolayevich; DUBROVSKIY, Z.M., inzh., retsenzent; DROZDOVA, M.D., tekhn.red.

[Protection of the VL60 electric locomotive] Zashchita elektrovoza VL 60. Moskva, Transzheldorizdat, 1963. 51 p. (MIRA 16:12)

(Electric locomotives--Safety appliances)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, B.N., kand.tekhn.nauk

Protecting electric locomotive rectifiers from backfire. Trudy TSNII MPS no.156:67-75 '58. (MIRA 11:8)
(Electric locomotives) (Mercury-arc rectifiers)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

RADCHENKO, V.D., kand. tekhn. nauk; RYBRIK, B.N., kand. tekhn. nauk; SOKOLOV, S.D., kand. tekhn. nauk; SUKHOPRUDSKIY, N.D., kand. tekhn. nauk; KUDRYAVTSEV, M.V., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Increasing operational reliability of power-supply installations] Povyshenie nadezhnosti raboty ustroistv energosnabzheniia. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 90 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.148). (MIRA 11:6)

(Electric railroads—Wires and wiring)
(Electric railroads—Substations)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

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RADCHENKO, V.D., kand. tekhn. nauk; REBRIK, B.N., kand. tekhn. nauk; SOKOLOV, S.D., kand. tekhn. nauk; SUKHOPRUDSKIY, N.D., kand. tekhn. nauk; KUDRYAVTSEV, M.V., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Increasing operational reliability of power-supply installations] Povyshenie nadezhnosti raboty ustroistv energosnabsheniia. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 90 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.148). (MIRA 11:6)

(Electric railroads--Wires and wiring)
(Electric railroads--Substations)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

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GOKHSHTEYN, B.Ya., kand. tekhn. nauk; REBRIK, B.N., kand. tekhn. nauk;
LAPIN, V.B., inzh.; KARYAKIN, R.N., inzh.

First electrified section operating on alternating current.
Elek. i tepl. tiaga no.1:8-10 '57. (MIRA 12:3)
(Electric railroads)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

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REBRIK, B.N., kand.tekhn.nauk; GLUSHKOV, Ye.F., inzh.

New N60 a.c. locomotives. Vest.TSNII MPS 18 no.8:15-21 D '59. (MIRA 13:9)

(Electric locomotives)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIK, M.K.

Observations in treating pyorrhea alveolaris with aloe extract.
Stomatologiia 36 no.6:73-74 N-D '57. (MIRA 11:2)

1. Iz stomatologicheskoy polikliniki (nach. - I.P.Goldayev, nahc. lechebnogo otdeleniya - I.P.Laskavyy) Kiyevskogo voyennogo okruga
(GUMS--DISEASES) (ALOE)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

POPOVICH, Feodosiy Yakovlevich; REBRIK, Yakov Prokof'yevich; MILOKOSTA, N.Ya., red.; SAVCHENKO, M.S., tekhn.red.

[Advice for vegetable growers] Sovety ogorodnikam. Izd.4. Kiev, Gos.izd-vo sel'khoz.lit-ry USSR, 1960. 247 p. (MIRA 14:2)

(Vegetable gardening)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

KAVUN, Vasiliy Mikhaylovich; REBRIK, Ya.P.[Rebryk, IA.P.], red.;
GULENKO, O.I.[Hulenko, O.I.], tekhn. red.

[Grow peas; it pays] Vyroshchuite horokh - tse vyhidno. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 57 p. (MIRA 15:3)

1. Predsedatel' kolkhoza imeni XXII s"ezda Kommunisticheskoy Partiy Sovetskogo Soyuza Bershadskogo rayona, Vinnitskoy oblasti (for Kavun).

(Peas)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

POPOVICH, Feodosiy Yakovlevich; KEBRIK, Yakov Prokof'yevich; MILOKOSTA, N.Ya., red.

[Advice for gardeners] Sovety ogorodnikam. 5. izd., dop. Kiev, Urozhai, 1964. 297 p. (MIRA 18:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

KOLOTUKHA, Mikhail Isidorovich [Kolotukha, M.S.]; TESLYUK, Petr Sergeyevich; REBRIK, Ya.P., red.; CHEREVATSKIY, S.A. [Cherevats'kyi, S.A.], tekhn.red.

[Make the experience of vegetable grower Z.V.Vorovei available to all collective farms] Dosvid ovochevoda Z.V.Voroveia usim kolhospam. Kyiv, Derzh.vyd-vo sil'hosp.lit-ry URSR, 1960. 29 p. (MIRA 14:1)

(Vegetable gardening)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

КРЕЙН, Ye. V.

USSR/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Construction Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27768

Author : L.S. Kogan, K.N. Zil'berman, Ye. V. Rebrik.
Inst : State All-Union Institute of Projecting and Scientific Research Work in Cement Industry.
Title : Utilization of Belite Slime for Cement Manufacturing.

Orig Pub: Tr. Gos. Vses. in-t po proektir. i nauch.-issled. rabotam c tsement. prom-sti, 1956, vyp. 19, 3-53.

Abstract: The apatite-nepheline rock is divided by flotation into apatite utilized for the production of fertilizers and into "nepheline tailings." The latter are divided by a following flotation and magnetic separation into nepheline concentrates and a series of minerals (titano-magnetite, sphene and others). The nepheline concentrates are the initial product for manufacturing alumina

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USSR/Chemical Technology. Chemical Products and their Application. J-12
Glass. Ceramics. Construction Materials.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27768

and a decreased magnitude of the alumina modulus. The raw slime should be prepared by the method of milling the ingredients together.

Card : 3/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

15-57-5-6568

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5, p 124 (USSR)

AUTHORS: Kogan, L. S., Zil'berman, K. N., Rebrik, Ye. V.

TITLE: An Investigation of Belite Slurry for Manufacturing Cement (Issledovaniye belitovogo shlama dlya proizvodstva tsementa)

PERIODICAL: Tr. Gos. Vses. in-t po proyektir. i nauch.-issled. rabotam v tsement. prom-sti, 1956, Nr 12, pp 3-53.

ABSTRACT: By retreating the Khibinskiye apatite-nepheline porody (rocks), apatite and "nepheline tailings" have been obtained that contain, in addition to nepheline, solid products with the composition of β-$2CaO \cdot SiO_2$. This material is called "Giprocement belite." Studies of "Giprocement" have shown the high effectiveness of belite as raw material and have indicated the possibility of using the material as an addition to cement. The chief merit of belite is its content of up to 80 to 85 percent of the mineral β-C_2S. By using belite

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An Investigation of Belite Slurry for Manufacturing Cement (Cont.)

as raw material, the productive capacity of ovens is increased 30 percent over the roasting of common raw mixes with a clay base. The clinker obtained is characterized by the brands "400" to "500." An effective measure for activating belite as an addition to cement is to grind it to a fineness such that the specific surface area is on the order to 5000 cm^2/g.

V. P. Ye.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

KOGAN, L.S., kandidat tekhnichskikh nauk; ZIL'BERMAN, K.N., kandidat tekhnicheskikh nauk; REBRIK, Ye.V., inzhener.

Using belite slime in cement production. Trudy GIPROTSEMENT 19:3-53 '56.
(Cement) (Belite) (MLRA 10:4)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

RYBRIKOV, V.S., inzhener.

Economy and technology of building with brick building blocks. Gor. khoz.Mosk. 30 no.11:19-22 N '56. (MLRA 10:3)
(Building blocks)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIKOV, V.S., inzhener

Large-size brick blocks for wall construction. Stroi. prom. 33 no.4:6-9 Ap '55. (MLRA 8:6)
(Bricklaying) (Walls)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIKOV, V.S., inzh.

Producing large prefabricated brick wall blocks. Gor. khoz. Mosk. (MIRA 11:5)
32 no.5:9-12 My '58.
(Building blocks)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

PA 228T76

USSR/Engineering - Construction, Methods — 1 Jun 52

"Erection of Masonry Structures Using Large Brick Blocks," V. S. Rebrikov, Engr, MZhGS RSFSR

"Byul Stroit Tekh" No 11, pp 16, 17

Author describes his method of using prefabricated brick blocks, weighing 1/2 and more tons, for building masonry walls. Large blocks may be made without cement, he says. Mortar is replaced by silicate mass, and blocks are steamed in autoclaves, becoming admirable for transportation by

228T76

any method due to strength obtained in last operation, author notes. Method decreases cost of wall erection by approximately 30%.

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REBRIKOV, V.S.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

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REBRIKOV, V. S., Eng.

Walls

Large block construction from brick. Gor. khoz. Mosk. 26 No. 8, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIKOV, V. S., Eng.

Building, Brick

Large block construction from brick. Gor. khoz. Mosk. 26, No. 8, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

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REBRIKOV, V.S., inzhener

Manufacture and use of wall blocks made of bricks. Gor. khoz. Mosk. 29 no.7:15-20 Jl '55. (MLRA 8:9)
(Walls) (Building blocks)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

[redacted], V. S., Cand Tech Sci - (diss) "The use of large bricks in construction." Moscow, 1960, 17 pp (Scientific Research Institute of the Organization and Technical Aid to Construction, Academy of Construction and Architecture USSR)

(KL, 38-60, 109)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

PA 228T76

USSR/Engineering - Construction, 1 Jun 52
Methods

"Erection of Masonry Structures Using Large Brick Blocks," V. S. Rebrikov, Engr, MZhGS RSFSR

"Byul Stroit Tekh" No 11, pp 16, 17

Author describes his method of using prefabricated brick blocks, weighing 1/2 and more tons, for building masonry walls. Large blocks may be made without cement, he says. Mortar is replaced by silicate mass, and blocks are steamed in autoclaves, becoming admirable for transportation by any method due to strength obtained in last operation, author notes. Method decreases cost of wall erection by approximately 30%.

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REBRIKOV, V. S.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

[redacted], V. S.

Building, Brick

Erecting masonry structures fr[redacted] large brick blocks. Biul. stroi. tekh., 9, no. 11, 19[redacted]2.

9. Monthly List of Russian Accessions, Library of Congress, October 1953, Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014445

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIKOVA, N.V., otvetstvennyy red.; DEMIN, A.I., red. izd-va; TSIGEL'MAN, L.T., tekhn. red.

[Present-day Thailand] Sovremennyi Tailand. Moskva, Izd-vo vostochnoi lit-ry, 1958. 187 p. (MIRA 11:9)

1. Akademiya nauk SSSR. Institut vostokovedeniya.
(Thailand)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

SHITOV, M.I.; REBRIKOVA, Ye.I.; MODLIN, B.D.

Factory laboratory assistance to plant workshops. Zav.lab.21 no.1: 122-124 '55. (MLRA 8:5)

1. Nachal'nik Tsentral'noy laboratorii Standozavoda im. Sergo Ordzhonikidze (for Shitov). 2. Nachal'nik tekhnologicheskoy laboratorii (for Rebrikova). 3.Nachal'nik stanochnoy laboratorii (for Modlin). (Machine-tool industry)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REBRIN, S.

Plan of a 400 automobile garage. Avt.transp. 32 no.2:10-12 F '54.
(MLRA 7:6)

(Garages)

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